

**IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE**

PATENT APPLICATION

APPLICANT(S): Wim De Pauw
Clay E. Williams

**ASSIGNEE
NAME:** International Business
Machines Corporation

**ASSIGNEE
RESIDENCE:** Armonk, New York

TITLE: Methods and Apparatus for Adaptive Problem Determination
in Distributed Service-Based Applications

**COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450**

SIR:

Enclosed are the following papers relating to the above-named application for patent:

Application - 12 pages of Specification, 6 pages of Claims and 1 page of Abstract
3 Sheets of informal drawing(s)
Declaration (unexecuted)

CLAIMS AS FILED				
	NO. FILED	NO. EXTRA	RATE	CALCULATIONS
Total Claims	29-20 =	9	x \$18 =	\$162
Independent Claims	3-3 =	0	x \$86 =	\$0
Multiple Dependent Claim(s), if applicable			\$290 =	\$0
Basic Fee				\$770
			TOTAL FEE:	\$932

Please file the application and charge **International Business Machines Corporation Deposit Account No. 50-0510** the amount of \$932, to cover the filing fee. In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 50-0510** as required to correct the error. Duplicate copies of this letter are enclosed.

17548 U.S. PTO
10/723343



Attorney Docket No.: YOR920030415US1

Please address all correspondence to: **Ryan, Mason & Lewis, LLP, 90 Forest Avenue, Locust Valley, New York 11560.** Telephone calls should be made to the undersigned attorney at (516) 759-4547.

Respectfully,



Date: November 26, 2003

Robert W. Griffith
Reg. No. 48,956
Attorney for Applicant(s)
Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560